

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
ESI-PRP Removal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #26
ESI-PRP Removal
B5YS
Indianapolis, IN
Latitude: 39.9128600 Longitude: -86.2423680

To: Sue Michael, City of Indianapolis
Tom White, City of Indianapolis
Harry Atkinson, IDEM
Ryan Groves, IDEM
Megan Nagle, IDEM
George Richotte, IDEM
Jason Doerflein, Marion County Health Department
Stephen Jones, Pike Fire Department
Charles Gebien, U.S. EPA Region V
John Maritote, U.S. EPA Region V
Janet Pope, U.S. EPA Region V
Debbie Keating, U.S. EPA Region V, ESS
Karen Kirchner, U.S. EPA Region V, LCD
Kendall Moore, U.S. EPA Region V, LCD
Susan Perdomo, U.S. EPA Region V, ORC
Gary Prichard, U.S. EPA Region V, ORC
John Steketee, U.S. EPA Region V, ORC
Carol Staniec, U.S. EPA Region V, Water
Kim Cussen, United Water
Nola Hicks, U.S. EPA Region V, ORC
Mark Johnson, ATSDR
Robert Darnell, U.S. Department of Justice
Stan Rigney, IDEM
Randy Braun, IDEM
USCG NRC, NRC
David Chung, U.S. EPA HQ
Jeff Kelley, U.S. EPA
Maupin Natalie, IDEM
Eric Kaufman, Marion County Health Department
Jason Sewell, IDEM
Carol Ropski, U.S. EPA Region V, ESS
Jason Ravenscroft, Marion County Health Department
Sherry Fielding, U.S. EPA HQ
Dan Sparks, USFWS
Ed Karecki, USFWS
Bob Masbaum, POTW
Kristen Heitman, Providence Wildlife
Michael Massonne, City of Indianapolis
Cheryl Carlson, Citizens Energy Group
Emily Mack, City of Indianapolis
Thomas Marks, U.S. EPA

US EPA RECORDS CENTER REGION 5



414633

From: Verneta Simon & Anita L. Boseman, On-Scene Coordinators
Date: 10/18/2011
Reporting Period: 10/10/2011 - 10/14/2011

1. Introduction

1.1 Background

Site Number:	B5YS	Contract Number:	
D.O. Number:		Action Memo Date:	9/30/2010
Response Authority:	CERCLA	Response Type:	PRP Oversight
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/6/2011	Start Date:	4/6/2011
Demob Date:		Completion Date:	
CERCLIS ID:	INN0051050501	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See POLREP 1

2.1.2 Response Actions to Date

On October 10, 2011, Midwest hauled off 3 loads (17,900 gal) of oily water from frac tank 11 and the oxidation pit to United Waste Water Inc.'s facility in Cincinnati, OH.

- Midwest hauled off (19) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest hauled off (1) 25 cyd vac box of unsolidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest had (7) 50,000 pound loads of wood pulp solidification agent delivered.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest continued cleaning the primary separator.
- Midwest continued cleaning tanks in the solids building.
- TriHydro sent its GAC unit out for repair due to continued lower than anticipated output flow rate.
- TriHydro had Mark Settlemyre of CMID on site for a site walk. CMID is the third potential storm water management subcontractor.

On October 11, 2011, Midwest hauled off 2 loads (11,200 gal) of oily water from frac tank 11 and the oxidation pit to United Waste Water Inc.'s facility in Cincinnati, OH.

- Midwest hauled off (17) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest had (8) 50,000 pound loads of wood pulp solidification agent delivered.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest continued cleaning the primary separator.
- Midwest continued cleaning tanks in the solids building.
- TriHydro had its GAC unit returned last night and started using it again to treat stored storm water.
- TriHydro treated stored storm water with the GAC system.

- TriHydro discharged approximately 3,350 gal of twice treated stormwater to Oil Creek.

On October 12, 2011, Midwest hauled off 3 loads (15,128 gal) of oily water from the oxidation pit to United Waste Water Inc.'s facility in Cincinnati, OH.

- Midwest hauled off (4) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest hauled off (1) 25 cyd vac box of unsolidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest had (5) 50,000 pound loads of wood pulp solidification agent delivered.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest continued cleaning the primary separator.
- Midwest continued cleaning tanks inside the solids building.
- TriHydro treated storm water with the GAC system.
- TriHydro discharged approximately 24,000 gal of twice treated storm water to Oil Creek.

On October 13, 2011, 0.55" of rain fell overnight and during the day. Water pooled above the manholes in the southwest and northeast areas, but no stormwater escaped the Site.

- No waste left the Site.
- Midwest continued cleaning the primary separator.
- Midwest continued cleaning tanks in the solids building.
- Midwest moved their sludge pump from the west million gallon bunker tank to the east million gallon bunker tank and started using it to move sludge to the solidification pits.
- Midwest started cleaning the truck wash bay in Building #1.
- TriHydro had personnel from Rain-for-Rent on site to discuss other GAC system options.
- TriHydro treated storm water with the GAC system.
- TriHydro discharged approximately 24,280 gal of twice treated stormwater to Oil Creek.

On October 14, 2011, Midwest hauled off (15) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- 0.3" of rain fell overnight. Water pooled above the manholes in the southwest and northeast areas, but no stormwater escaped the Site.
- Midwest decontaminated and demobilized two rented vac boxes.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest continued cleaning the primary separator.
- Midwest continued cleaning tanks in the solids building.
- Midwest pumped sludge from the east million gallon bunker tank to the solidification pits.
- Midwest continued cleaning the truck wash bay and unloading area in Building 1.
- TriHydro treated stormwater with the GAC system.
- TriHydro discharged approximately 21,200 gal of twice treated stormwater to Oil Creek.
- According to the PRP Group Project Coordinator, Steve Fleming, a verbal cost-sharing agreement for addressing Tank 51 cleanup was made with WSP and Chartis Insurance.

The wood pulp solidification material is a reclaimed/recycled product. As of October 14, 2011, approximately 4,550,000 pounds had been used to solidify waste sludge.

An updated figure depicting which vessels have been cleaned is available in the documents section of this website.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

N/A

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Discharge	Treatment	Disposal
Oily Water	Liquid	3,473,747 gallons		X	
Stormwater	Liquid	424,956 gallons		X	

Tank 51 Containment	Liquid	346,320 gallons		X	
Totes and Drums	Liquid	3,885 gallons		X	
Solidified Sludge	Solid	5,440 cyd			X
Unsolidified Sludge	Liquid	125 cyd		x	
Treated Stormwater	Liquid	182,328 gallons	X		

2.2 Planning Section

2.2.1 Anticipated Activities

- Pilot test for bunker tank removal activities.
- Pilot test for process piping decontamination.
- Increase Midwest crew size and hours to expedite site cleanup, especially on-site solidification of sludges.
- Selection of a post-cleanup stormwater management solution and contractor.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

US EPA will provide oversight of PRP Group removal activities.

2.2.2 Issues

Groundwater infiltration is suspected in the sanitary sewer system on Site. TriHydro is investigating potential options for mitigating infiltration.

Standing water has been observed in several locations around the site. EPA has requested that Trihydro address all standing water on site as soon as possible.

Ongoing management of wildlife at the site due to nearby ecosystems.

In previous POLREPs an incorrect name was used when referring to the oily water disposal facility. The correct name should be United Waste Water, Inc. not United Water.

"Control structure" refers to the pit or sump attached to and immediately south of the million gallon bunker tanks. It has been referred to as "access pit" and "access pit/control structure" in the past.

There has been no work to remove sludge in Tank 51 and the Tank 51 containment still has standing water. According to Amy Hui, WSP, the SDA for the water inside the Tank 51 containment expired on September 12, 2011.

Sludge viscosity could hamper work progress on the bunkered tanks as the temperature drops going into fall and winter.

There may be a need to remove portions of the concrete roof on the bunkered tanks to access the sludge within.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

2.4.1 Narrative

Not applicable.

2.5 Other Command Staff

2.5.1 Safety Officer

Not applicable.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

2.7.2 Community Involvement Coordinator

A date has not been selected for the next community meeting.

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management

Indianapolis Department of Public Works

Pike Township Fire Department

City of Indianapolis

3.2 Cooperating Agencies

Marion County Health Department

4. Personnel On Site

U.S. EPA

START Contractor

5. Definition of Terms

ASAOC – Administrative Settlement Agreement on Consent

ERRS – Emergency and Rapid Response Services

IDEM – Indiana Department of Environmental Management

OSC – On-Scene Coordinator

POLREP – Pollution Report

PRP - Potentially Responsible Party

RCRA – Resource Conservation and Recovery Act

START – Superfund Technical Assessment and Response Team

U.S. EPA – United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to the US EPA lead removal action website at www.epaosc.org/esl

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to the documents section at www.epaosc.org/esl





